

DERWENT- 1997-322637

ACC-NO:

DERWENT- 199837

WEEK:

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**TITLE:** Test message generator and verifier for telecommunications software module - has test messages in natural language and interpreted into Transaction Capable Application Protocol (TCAP) messages with responses being checked against further scripts

**INVENTOR:** GUNDERSEN, H

**PRIORITY-DATA:** 1995US-0576509 (December 21, 1995)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 781058	A2 June 25, 1997	E	034	H04Q 003/00
US 5787147	A July 28, 1998	N/A	000	H04M 001/24

**INT-CL (IPC):** H04M001/24, H04M003/08 , H04M003/22 , H04Q003/00

**ABSTRACTED-PUB-NO:** EP 781058A

**BASIC-ABSTRACT:**

The telecommunications system may require to have its software modules replaced. Before replacing the modules, extensive tests are required either on a test system or a simulation system. Part of the testing is to provide TCAP messages and to ensure that the correct responses are given by the new software.

The test messages are prepared in a natural language using a set of predefined message types. These are interpreted during a run-time to form the TCAP messages that are sent to the software under test. The responses are compared with a further set of interpreted test messages, formed in predefined natural language.

**ADVANTAGE -** Simplifies creation of test scripts and testing of subsequent software responses.

**ABSTRACTED-PUB-NO:** US 5787147A

**EQUIVALENT-ABSTRACTS:**

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responses are given by the new software.

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Patent Number of Local Application - PFPA (1):

EP 781058A2